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ATTORNEY DOCKET NO. 04150.0003U2
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
)
 Hesketh, et al.) Art Unit: **1645**
)
 Application No. **10/561,734**) Examiner: **Unassigned**
)
 Filing Date: **June 12, 2006**) Confirmation No. **7801**
)
 For: **"PROTEIN EXPRESSION SYSTEM"**)

TRANSMITTAL LETTER

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.
Customer Number 23859

July 5, 2007

Sir:

Transmitted herewith is the following in the above-identified application:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Petition to Extend Time |
| <input type="checkbox"/> Fee as calculated below | <input type="checkbox"/> Supplemental Declaration |
| <input checked="" type="checkbox"/> No Additional Fee Required | <input type="checkbox"/> Terminal Disclaimer |
| <input type="checkbox"/> Corrected Drawings | <input checked="" type="checkbox"/> Other <u>Copies of 25 References</u> |

CLAIMS AS AMENDED						
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims				0	X \$50.00	\$0.00
Independent Claims				0	X \$200.00	\$0.00
<input type="checkbox"/> First Presentation of a Multiple Dependent Claim					+ \$360.00	\$0.00
EXTENSION FEE	1 st Month \$120 <input type="checkbox"/>	2 nd Month \$450 <input type="checkbox"/>	3 rd Month \$1020 <input type="checkbox"/>	4 th Month \$1590 <input type="checkbox"/>	5 th Month \$2160 <input type="checkbox"/>	\$0.00
<input type="checkbox"/> Reduction by ½ for filing by SMALL ENTITY (Note 37 C.F.R. §1.9, §1.27, §1.28) -						- \$0.00
TOTAL FEE DUE						\$0.00

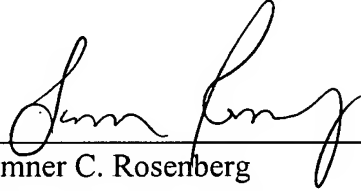
ATTORNEY DOCKET NO. 04150.0003U2
APPLICATION NO. 10/561,734

Payment:

- ☐ A check in the amount of \$_____ is enclosed.
- ☐ Payment by credit card in the amount of \$0.00 for the fees designated below. (Form PTO-2038 enclosed).
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
- ☐ The Commissioner is authorized to charge our Deposit Account No. 14-0629 in the amount of \$_____ to cover the above-listed additional fees. A duplicate copy of this transmittal is enclosed.
- ☒ In the event of an overpayment or improper payment of a required fee, the Commissioner is authorized to charge or credit our Deposit Account No. 14-0629 as required to correct the error.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.


Sumner C. Rosenberg
Registration No. 28,753

NEEDLE & ROSENBERG, P.C.
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CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.


Sumner C. Rosenberg

7/5/07
Date



ATTORNEY DOCKET NO. 04150.0003U2
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
)	
Hesketh, et al.)	Art Unit: 1645
)	
Application No. 10/561,734)	Examiner: Unassigned
)	
Filing Date: June 12, 2006)	Confirmation No. 7801
)	
For: "PROTEIN EXPRESSION SYSTEM")	

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.
Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. In accordance with 37 C.F.R. § 1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publication documents are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

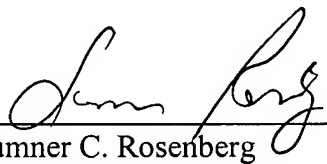
Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

ATTORNEY DOCKET NO. 04150.0003U2
Application No. 10/561,734

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

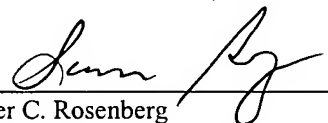
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Sumner C. Rosenberg

7/5/07
Date



INFORMATION DISCLOSURE STATEMENT LIST

(Use as many sheets as necessary)

Complete if Known

Application Number	10/561,734
Filing Date	June 12, 2006
First Named Inventor	John Hesketh
Group Art Unit	1645
Examiner Name	Unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date
	A1	2003/0066096	04-03-2003	Bryan	800	8	
	A2	6,436,682	08-20-2002	Bryan et al.	435	189	
	A3	2002/0004942	01-10-2002	Bryan	800	288	
	A4	6,247,995	06-19-2001	Bryan	446	473	
	A5	6,232,107	05-15-2001	Bryan et al.	435	189	
	A6	6,152,358	11-28-2000	Bryan	229	87.19	
	A7	6,113,886	09-05-2000	Bryan	424	49	
	A8	5,876,995	03-02-1999	Bryan	435	189	

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number- Kind Code	Date	Name	Translation Yes/No
	A9	WO 02/46430	06-13-2002	Applied Research Systems	Yes
	A10	WO 00/50616	08-31-2000	University Technologies Int'l	Yes
	A11	WO 00/26366	05-11-2000	Nat'l University of Singapore	Yes
	A12	WO 99/49010	09-30-1999	Unilever N.V.	Yes
	A13	WO 99/13090	03-18-1999	Rowett Research Institute	Yes
	A14	WO 98/36081	08-20-1998	Memorial Sloan-Kettering	Yes
	A15	WO 97/29319	08-14-1997	Bruce J. Bryan	Yes
	A16	WO 93/04165	03-04-1993	Wisconsin Milk Marketing	Yes
	A17	WO 91/13151	09-05-1991	Biogen, Inc.	Yes
	A18	EP 0 279 582	08-24-1988	Baylor College of Medicine	Yes
	A19	EP 0 266 057	05-04-1988	Merck & Co. Inc.	Yes

NON-PATENT DOCUMENTS

Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
	A20	EBI Accession No. EM-PRO: U89490 (Sequence Listing).
	A21	EBI Accession No. UNIPROT: Q9BLZ2 (Sequence Listing).
	A22	HESKETH et al., "Intracellular Sorting of Macromolecules," Biochemical Society Transactions, Volume 24 No. 2 pp. 521-527, (1996).
	A23	HUANG and YEN, "Hepatitis B Virus RNA Element That Facilitates Accumulation of Surface Gene Transcripts in the Cytoplasm," Journal of Virology, Vol. 68, No. 5, pp 3193-3199, (May 1994).



NON-PATENT DOCUMENTS (CONT'D)		
Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
	A24	INOUE S. et al., "Imaging of luciferase secretion from transformed Chinese hamster ovary cells," Proc. Natl. Acad. Sci., Vol. 89, pp. 9584-9587, (October 1992).
	A25	Instruction Manual Entitled "pSecTag2/Hygro A, B, and C," Catalog No. V910-20.
	A26	KIM et al., "Molecular Cloning and Expression of Human Gal β 1,3GalNAc α 2,3-Sialyltransferase (hST3Gal II)," Biochemical and Biophysical Research Communication, Vol. 228, pp 324-327, (1996).
	A27	MAEDA et al., "Efficient Production of Active TNF- α by Albumin Signal Peptide," Biochemistry and Molecular Biology International, Vol. 42, No. 4, pp. 825-832, (July 1997).
	A28	MIESENBOCK and ROTHMAN, "Patterns of synaptic activity in neural networks recorded by light emission from synaptolucins," Proc. Natl. Acad. Sci., Vol. 94, pp. 3402-3407, (April 1997).
	A29	PARTRIDGE et al., "Competition between the signal sequence and a 3'UTR localization signal during redirection of beta-globin mRNA to the endoplasmic reticulum: implications for biotechnology," Cytotechnology, Vol. 30, pp. 37-47, (1999).
	A30	THOMPSON et al., "Vargula hilgendorfii luciferase: a secreted reporter enzyme for monitoring gene expression in mammalian cells," Gene, Vol. 96:2, pp. 257-262, (1990).
	A31	THOMPSON et al., "Cloning and expression of cDNA for the luciferase from the marine ostracod Vargula hilgendorfii," Proc. Natl. Acad. Sci., Vol. 86, pp. 6567-6571; (September 1989).
	A32	VEYRUNE et al., "A localization signal in the 3' untranslated region of c-myc mRNA targets c-myc mRNA and β -globin reporter sequences to the perinuclear cytoplasm and cytoskeletal-bound polysomes," Journal of Cell Science, Vol. 109, pp. 1185-1194, (1996).
	A33	ZAMBETTI et al., "Targeting of a chimeric human histone fusion mRNA to membrane-bound polysomes in HeLa cells," Proc. Natl. Acad. Sci., Vol. 84, pp. 2683-2687, (May 1987).
Examiner Signature:		Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		